

EnviroTech News - MAY, 2007

U.S. EPA Environmental Technology Opportunities Portal (ETOP)

Welcome to EnviroTech News, a service provided through EPA's Environmental Technology program by the Environmental Technology Opportunities Portal (ETOP). This monthly newsletter contains information relevant to the environmental technology industry under the following headings: Government Funding Opportunities, Environmental Technology Verification (ETV) Opportunities, and Upcoming Events. Special issues of EnviroTech News feature Technology Opportunities; this section offers the unique opportunity to connect with individuals or companies that may be looking for new solutions to specific environmental problems. We try to keep EnviroTech News as brief as possible while providing information relevant to your needs. This information, updated weekly, may also be found at <http://www.epa.gov/etop/funding>

GOVERNMENT FUNDING OPPORTUNITIES

ENVIRONMENTAL PROTECTION AGENCY

EPA, OFFICE OF TRANSPORTATION AND AIR QUALITY, ANNOUNCES ITS INTENT TO REQUEST BIDS FOR CONDUCTING ECONOMIC IMPACT AND BENEFIT ANALYSES IN SUPPORT OF THE DEVELOPMENT OF MOBILE SOURCE AIR POLLUTION CONTROL REGULATIONS AND STANDARDS. The mobile source standards may include standards for on-road and non-road engines and equipment, air toxics standards, renewable fuels standards, fuels standards and other regulatory standards. EPA anticipates opening the RFP in May and closing it 30 days later. More info at:

<http://www2.fbo.gov/spg/EPA/OAM/OH/PR%2DCI%2D07%2D10055/listing.html> Refer to Sol# PR-CI-07-10055.

(New) EPA, OFFICE OF TRANSPORTATION AND AIR QUALITY (OTAQ) ANNOUNCES ITS INTENT TO SEEK BIDS FOR SERVICES TO SUPPORT OTAQ IN ACCOMPLISHING VARIOUS AIR QUALITY IMPROVEMENTS. EPA ANTICIPATES ISSUING THE RFP IN EARLY MAY 2007. Work areas will include both regulatory/compliance programs such as Transportation Conformity and Inspection/Maintenance and voluntary programs such as SmartWay Transport Program, Clean School Bus, and may include the development and advancement of future programs. More info at: <http://www2.fbo.gov/spg/EPA/OAM/OH/PR-CI-07-10295/SynopsisP.html> Refer to Sol# PR-CI-07-10295.

EPA IS SEEKING APPLICATIONS PROPOSING TO DEVELOP IN SILICO MODELING APPLICATIONS OF BIOLOGICAL SYSTEMS IN AREAS AS DIVERSE AS RECEPTOR LIGAND INTERACTIONS IN CELL SIGNALING, SIMULATED ORGAN DYSFUNCTION (E.G., HEART, LIVER, KIDNEY), AND SYSTEMIC RESPONSE TO ENVIRONMENTAL TOXICANTS AND POLLUTANTS. RESPONSES DUE 6/12/07. Approximately \$6.8 million total is available for approximately 2 awards. More info at http://es.epa.gov/ncer/rfa/2007/2007_comp_tox.html

EPA AND USDA REQUEST PROPOSALS FOR ECOLOGICAL IMPACTS FROM THE INTERACTIONS OF CLIMATE CHANGE, LAND USE CHANGE AND INVASIVE SPECIES. RESPONSES DUE 6/26/07. The purpose of this joint solicitation is to quantitatively investigate areas including but not limited the establishment, abundance and distribution of invasive species, and the affect of chemical, biological and mechanical management of invasive species. \$3.9 million expected to be available, up to 8 awards anticipated. For more info, contact Brandon Jones at

jones.brandon@epa.gov or go to:

http://es.epa.gov/ncer/rfa/2007/2007_star_ecoimpacts.html Refer to Sol# EPA-G2007-STAR-H2.

EPA SEEKS APPLICATIONS PROPOSING DEVELOPMENT AND EVALUATION OF INNOVATIVE APPROACHES TO QUANTITATIVELY DETECT PATHOGENS OR TOXIGENIC CYANOBACTERIA OR CERTAIN HIGH PRIORITY CYANOTOXINS IN DRINKING WATER. PROPOSALS DUE 7/10/07. The purpose of this request for applications is to improve the suite of available detection methods for known and emerging microbial drinking water contaminants including freshwater algae or its toxins. Any proposed method should be applicable to source water, treated water, and/or water in the distribution system. Approximately \$3.6 million will be awarded under this announcement for six grants, depending on the availability of funds and quality of applicants received. More info at http://es.epa.gov/ncer/rfa/2007/2007_star_drinkingwater.html

DEPARTMENT OF AGRICULTURE

(New) USDA REQUESTS PROPOSALS FROM A NUMBER OF STATES FOR THE CONSERVATION INNOVATION GRANT PROGRAM. CIG seeks to stimulate the development and adoption of innovative conservation approaches and technologies in conjunction with agricultural production. Refer to the individual RFPs for state-specific priorities which include but are not limited to: Carbon sequestration in soil, greenhouse gas accounting tools and registries, bio-based energy opportunities, small farm scalable technologies, and renewable energy sources such as wind, solar, and methane recovery.

IA: \$250K expected to be available, individual awards NTE \$75K. RESPONSES DUE 5/31/07. For more info, contact Tom O'Connor at thomas.oconnor@ia.usda.gov or go to: <http://www.ia.nrcs.usda.gov/programs/CIG.html> Refer to Sol# USDA-NRCS-IA-07-01.

NY: \$250K expected to be available, up to 4 awards anticipated. Responses due 6/1/07. For more info, contact Donald Pettit at donald.pettit@ny.usda.gov or go to: <http://www.grants.gov/search/search.do?oppId=13259&mode=VIEW> Refer to Sol# USDA-NRCS-NY-07-01.

USDA, COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE REQUESTS APPLICATIONS FOR THE NATIONAL RESEARCH INITIATIVE (NRI) COMPETITIVE GRANTS PROGRAM. FINAL PROPOSAL DUE DATES RANGE (10/9/06 - 8/14/07) VARY BY PROGRAM AREA. The NRI supports scientific research relevant to agriculture, food, the environment, and communities. 41 areas of interest identified, including but not limited to: Biobased Products and Bioenergy Production Research; Water and Watersheds; Global Change Initiatives; Air Quality; Rural Development; Agricultural Prosperity for Small and Medium-Sized Farms. \$181 million expected to be available, award range \$5K to \$1.5 million. Contact information varies by program area. For more info, contact electronic@csrees.usda.gov or go to: http://www.csrees.usda.gov/funding/rfas/nri_rfa.html Refer to Sol# USDA-CSREES-NRI-000141.

USDA HAS ISSUED NUMEROUS REQUESTS FOR PROPOSALS FOR THE CONSERVATION INNOVATION GRANT PROGRAM (CIG). The purpose of CIG is to stimulate the development and adoption of innovative conservation approaches and technologies while leveraging Federal investment in environmental enhancement and protection, in conjunction with agricultural production. RFPs are open in geographic areas including but not limited to: Puerto Rico, the Virgin Islands, the Pacific Islands, ID, ME, NC, KS, NB, OH, SD, MT and UT. Funding amounts and due dates vary by RFP. For more info, go to <http://www.grants.gov> and type CIG into the search field.

USDA INVITES APPLICATIONS FOR THE NATIONAL RESEARCH INITIATIVE (NRI) COMPETITIVE GRANTS PROGRAM. APPLICATION DUE DATES VARY BY PROGRAM AREA. This program supports research, extension and education grants that address key problems of national, regional and multistate importance in sustaining all components of agriculture. Approximately \$180 million in FY 2006 funding is expected to be available for awards. For research projects, state agricultural experiment stations, colleges and universities and other research institutions, federal agencies, national laboratories, and private organizations or corporations are eligible. More information is available at:

http://www.csrees.usda.gov/funding/rfas/nri_rfa.html

USDA THROUGH THE SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION PROGRAM (SARE) REQUEST GRANT APPLICATIONS FOR RESEARCH PROJECTS THAT ADDRESS CROP AND LIVESTOCK PRODUCTION AND MARKETING, STEWARDSHIP OF SOIL AND OTHER NATURAL RESOURCES, ECONOMICS AND QUALITY OF LIFE. APPLICATION DETAILS, DEADLINES, AND PERCENT SUCCESS VARY BY REGION AND PROGRAM. More info is available at

<http://www.sare.org/grants/index.htm>

DEPARTMENT OF COMMERCE

THE U.S. DEPARTMENT OF COMMERCE, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY REQUESTS PROPOSALS FOR THE MEASUREMENT, SCIENCE AND ENGINEERING RESEARCH GRANTS PROGRAMS, WHICH INCLUDES BUT IS NOT LIMITED TO BUILDING RESEARCH GRANTS AND MANUFACTURING ENGINEERING LABORATORY GRANTS. RESPONSES DUE 9/30/07. For more info, contact Chris Hunton at christopher.hunton@nist.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=12347> Refer to Sol# 2007-MSE-01

DEPARTMENT OF DEFENSE

DOD SEEKS PROPOSALS FOR ITS SBIR 2007.2. SOLICITATION. PROPOSALS DUE 6/13/07 AT 6 A.M. EST. Six DoD components -- the Army, the Navy, the Defense Advanced Research Projects Agency (DARPA), the Office of Secretary of Defense (OSD), the Defense Logistics Agency (DLA), and the Defense Microelectronics Activity (DMEA) -- have R&D topics in this solicitation under which Phase I proposals are sought. More info at <http://www.dodsbir.net/solicitation>

ESTCP IS SEEKING INNOVATIVE ENVIRONMENTAL TECHNOLOGY DEMONSTRATIONS AS CANDIDATES FOR FUNDING BEGINNING IN FISCAL YEAR (FY) 2008. PRE-PROPOSALS DUE 3/15/07. This solicitation requests pre-proposals via Calls for Proposals to Department of Defense (DoD) organizations and Federal (Non-DoD) organizations, and via a Broad Agency Announcement for Private Sector organizations. The DoD Call for Proposals requests pre-proposals related to each of the ESTCP focus areas: (1) Environmental Restoration; (2) Munitions Management; (3) Sustainable Infrastructure; and (4) Weapons Systems and Platforms. The Non-DoD Federal Call for Proposals and the Broad Agency Announcement requests pre-proposals in the following topics only: (1) Military Munitions Detection, Discrimination, and Remediation; (2) Sustaining Natural Resources on Training and Testing Lands; (3) Remediation of Contaminated Groundwater; (4) Remediation of Contaminated Sediments; and (5) Energy Efficiency and Renewable Energy for DOD Installations. More info at <http://www.estcp.org/opportunities/>

THE OFFICE OF NAVAL RESEARCH ANNOUNCES ITS INTEREST IN RECEIVING PROPOSALS FOR LONG-RANGE SCIENCE AND TECHNOLOGY PROJECTS THAT OFFER POTENTIAL FOR ADVANCEMENT AND IMPROVEMENT OF NAVY AND MARINE CORPS OPERATIONS. RESPONSES ACCEPTED THROUGH

9/30/07. ONR is interested in funding meritorious research across a wide spectrum of science and engineering disciplines. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=10957> Refer to Sol# BAA07-001.

THE DEFENSE ADVANCED RESEARCH PROJECTS AGENCY'S (DARPA) STRATEGIC TECHNOLOGY OFFICE (STO) HAS ISSUED A BROAD AGENCY ANNOUNCEMENT FOR RESEARCH, DEVELOPMENT, DESIGN, AND TESTING THAT DIRECTLY SUPPORTS THE STO. RESPONSES ACCEPTED THROUGH 12/31/08. Areas of interest include but are not limited to power harvesting technologies and devices, and next generation power generation systems, including electrodynamics and momentum tethers, and advanced solar systems. For more info, contact Patty Matyskiela at Patricia.Matyskiela@darpa.mil or go to: <http://www1.fbo.gov/spg/ODA/DARPA/CMO/BAA07%2D01/SynopsisP.html> Refer to Sol# BAA07-01.

DOD SOLICITS REVOLUTIONARY GUIDANCE AND ORDNANCE TECHNOLOGY -- RESEARCH AREA 12 - ENVIRONMENTAL POLLUTION PREVENTION. THIS BROAD AGENCY ANNOUNCEMENT WILL REMAIN OPEN UNTIL SUPERCEDED. One of the goals of the Munitions Directorate is to develop Green Munitions concepts. These concepts would result in weapons that would not cause pervasive adverse environmental effects and would use environmentally friendly manufacturing materials and techniques. Eligibility is unrestricted. For more information and eligibility go to <http://www.grants.gov/search/search.do?mode=VIEW&oppId=8002>

THE U.S. AIR FORCE, AIR FORCE RESEARCH LABORATORY MUNITIONS DIRECTORATE HAS ISSUED A BROAD AGENCY ANNOUNCEMENT (BAA) FOR ADVANCED TACTICAL VEHICLES FOR BATTLEFIELD AIRMAN AND SECURITY FORCES. Areas of interest include but are not limited to the design, development, and testing of vehicle power and propulsion systems, advanced energy storage capabilities, and the development and analysis of new methods for remote energy production. Up to 25 awards anticipated. Eligibility is unrestricted. Responses accepted until the BAA is superseded. For more info, contact Mimi Martin at mimi.martin@eglin.af.mil or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=8006> Refer to Sol# MNK-BAA-06-0005.

DEPARTMENT OF ENERGY

(New) DOE ANNOUNCES ITS INTENT TO REQUEST PROPOSALS FOR CONCENTRATED SOLAR POWER TECHNOLOGIES. DOE ANTICIPATES ISSUING THE RFP IN EARLY MAY 2007. Topic Areas being considered for inclusion in this RFP include: 1) Trough component manufacturing R&D, 2) Thermal storage R&D, and 3) Advanced CSP concepts. More info at: <http://e-center.doe.gov/doebiz.nsf/UNID/406B1EC7CD634A8E852572B4006E94E8?OpenD> ocument Refer to Sol# DOE-SNOTE-070405-001.

(New) DOE REQUESTS PROPOSALS FOR SUPPORT OF ADVANCED FOSSIL RESOURCE CONVERSION AND UTILIZATION RESEARCH BY HISTORICALLY BLACK COLLEGES AND UNIVERSITIES AND OTHER MINORITY INSTITUTIONS. RESPONSES DUE 6/12/07. Through this initiative, DOE seeks innovative R&D of advanced concepts pertinent to fossil fuel conversion and utilization. Areas of interest include Sensors & Controls, Computational Energy Sciences, and Advanced Materials. Subtopics include, but are not limited to, Development of Functional Materials for Hydrogen Separation and Storage. \$837K expected to be available, 4 to 6 awards anticipated. For more info, contact Robyn Mckee at Mckee@net1.doe.gov go to: <https://e-center.doe.gov/iips/faopor.nsf/0ba000b968a07c9885256c3f0067b90d/b40f>

440605702b3e852572bc00696aa3?OpenDocument&Highlight=0,DE-PS26-07NT43114 Refer to Sol# DE-PS26-07NT43114.

DOE AND USABC SEEK PROPOSALS FOR DEVELOPMENT OF ADVANCED HIGH-PERFORMANCE BATTERIES FOR PLUG-IN APPLICATIONS. PROPOSALS DUE 5/31/07. This research aims to find solutions to improving battery performance so vehicles can deliver up to 40 miles of electric range without recharging. This is a cost-shared solicitation by the United States Advanced Battery Consortium (USABC). Anticipated funding is \$28 million. More info at http://www.uscar.org/guest/article_view.php?articles_id=87

DOE, CLIMATE CHANGE RESEARCH DIVISION REQUESTS PROPOSALS FOR THE ATMOSPHERIC SCIENCE PROGRAM, FOR RESEARCH IN EXPERIMENTAL AND THEORETICAL STUDIES OF AEROSOL RADIATIVE FORCING OF CLIMATE. PRE-APPLICATIONS WERE REQUIRED AND WERE DUE 5/1/07, FINAL PROPOSALS DUE 6/18/07. \$4 million expected to be available, up to 20 awards anticipated. For more info, contact Melanie Becker at melanie.becker@science.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/8AAD315C4D281558852572A4005198BA>?OpenDocument Refer to Sol# DE-PS02-07ER07-26.

(New) DOE NATIONAL ENERGY TECHNOLOGY LABORATORY SEEKS RESEARCH APPLICATIONS IN ORDER TO DEVELOP AND SUSTAIN A NATIONAL PROGRAM OF UNIVERSITY RESEARCH IN ADVANCED TECHNOLOGIES AND FUNDAMENTAL FOSSIL FUELS STUDIES. APPLICATIONS DUE 6/12/07. More info at <http://e-center.doe.gov/iips/faopor.nsf/1be0f2271893ba198525644b006bc0be/b40f440605702b3e852572bc00696aa3?OpenDocument>

(New) DOE SEEKS APPLICATIONS FOR ELECTRICITY DELIVERY AND ENERGY RELIABILITY RESEARCH, DEVELOPMENT AND ANALYSIS. APPLICATIONS DUE 6/19/07. Program Areas of Interest are 1. Secure Control Systems for the Energy Sector and 2. Renewable and Distributed Systems Integration. Eligibility is unrestricted. More info at <https://e-center.doe.gov/iips/faopor.nsf/1be0f2271893ba198525644b006bc0be/080e4b7bb5cfb052852572c900632f78?OpenDocument>

(New) DOE, NATIONAL ENERGY TECHNOLOGY LABORATORY (NETL) IS SEEKING APPLICATIONS FOR THE UNIVERSITY COAL RESEARCH (UCR) PROGRAM. APPLICATIONS DUE 6/20/2007. The award ceiling is \$276,264. Eligibility is restricted to state controlled institutions of higher education, and private institutions of higher education. More info at <https://e-center.doe.gov/iips/faopor.nsf/UNID/E27D4634C780BF63852572C9006F852A>?OpenDocument

(New) DOE REQUESTS PROPOSALS FOR FUTURE GENERATION PHOTOVOLTAIC DEVICES AND PROCESSES. RESPONSES DUE 6/26/07. Through this initiative, DOE seeks R&D projects for the development of innovative and revolutionary future-generation solar to electric conversion technologies. \$12 million expected to be available, up to 15 awards anticipated. For more info, contact Michael Schledorn at FutureGen@go.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/650B3F0FE02FCAD9852572B4006787CD>?OpenDocument Refer to Sol# DE-PS36-07GO97025.

(New) DOE SEEKS APPLICATIONS FOR THE SOLAR ENERGY TECHNOLOGIES PROGRAM. APPLICATIONS DUE 6/26/2007. The device and manufacturing process research that is targeted by this Opportunity would be expected to produce prototype cells and/or processes by 2015, with full commercialization coming to fruition in the

2020-2030 time-frame. The estimated funding amount is \$12 million for 15 award. Eligibility is unrestricted. More info at <https://e-center.doe.gov/iips/faopor.nsf/UNID/650B3F0FE02FCAD9852572B4006787CD>?OpenDocument

DOE, OFFICE OF SCIENCE, ANNOUNCES ITS CONTINUING INTEREST IN RECEIVING APPLICATIONS FOR SUPPORT OF WORK IN AREAS INCLUDING BUT NOT LIMITED TO BASIC ENERGY SCIENCES, HIGH ENERGY PHYSICS, AND BIOLOGICAL AND ENVIRONMENTAL RESEARCH AND ENERGY RESEARCH ANALYSES. RESPONSES ACCEPTED ON AN ONGOING BASIS, FINAL DUE DATE UNDER THIS NOTICE IS 10/1/07. Sub areas of interest include, but are not limited to, Climate Change Research, Materials Sciences and Engineering, Chemical Sciences and Energy Biosciences. Up to \$400 million expected to be available. Eligibility is unrestricted. For more info, contact Lori Jernigan at Lori.Jernigan@science.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/7B7C4F49DCB4F01D852571FE006E53BE>?OpenDocument Refer to Sol# DE-PS02-07ER07-01.

DOE National Energy Technology Laboratory (NETL) uses the Industry Interactive Procurement System (IIPS) to post solicitations and amendments, receive proposals/applications, and disseminate award information. Entities wishing to participate in NETL solicitations will need to register at the IIPS website: <http://e-center.doe.gov>

FEDERAL AVIATION ADMINISTRATION

FAA ACCEPTS UNSOLICITED RESEARCH PROPOSALS THAT ADDRESS LONG-TERM GROWTH AND SHORT-TERM TECHNICAL NEEDS OF CIVIL AVIATION. PROPOSALS ACCEPTED THROUGH 1/1/2012. 10 areas of interest are identified which include, but are not limited to: 1) Environment and Energy Improvements that address environmental and regulatory issues such as noise abatement, aircraft pollution, and improved certification of clean, quiet, fuel efficient aircraft, and 2) Airports Improvements in design, construction, operation, and maintenance of airports. For more info, contact Barbara Fuller at barbara.fuller@faa.gov or go to: <http://www.tc.faa.gov/logistics/grants/doc/FAA-06-01.doc> FAA is currently updating their Research Grant RFP interested applicants are asked to refer to Sol#97.2 until Sol# FAA-06-01 is posted.

HOUSING AND URBAN DEVELOPMENT

(New) HUD, CENTERS FOR DISEASE CONTROL AND PREVENTION, REQUESTS PROPOSALS FOR HEALTHY PEOPLE AND HEALTHY COMMUNITIES THROUGH IMPROVED ENVIRONMENTAL HEALTH SERVICE DELIVERY. FINAL PROPOSAL DUE 5/29/07. The purpose of this program is to establish community efforts to improve the health and built environment of underserved populations in areas including adequate air and water quality, access to safe food and shelter, effective vector control programs; and efficient or functional waste management systems. \$12 million expected to be available, up to 8 awards anticipated. For more info, contact Daneen Farrow-Collier at DFarrow-Collier@cdc.gov or go to: <http://www.cdc.gov/od/pgo/funding/EH07-704.htm> Refer to Sol# CDC-RFA-EH07-704.

HUD REQUESTS PROPOSALS FOR THE HEALTHY HOMES LEAD HAZARD CONTROL PROGRAM. Refer to Funding Opportunity # FR-5100-N-20.

The Lead-Based Paint Hazard Reduction Demonstration Grant Program assist states, Native American Tribes, and local governments in undertaking comprehensive

programs to identify and control lead-based paint hazards for urban jurisdictions with the highest lead-based paint hazard control needs. \$54.7 million expected to be available, 14 22 awards anticipated. RESPONSES DUE 5/30/07. More info at <http://www.hud.gov/offices/adm/grants/nofa07/grplead.cfm>

DEPARTMENT OF INTERIOR

(New) THE U.S. BUREAU OF RECLAMATION REQUESTS PROPOSALS THE CALFED WATER USE EFFICIENCY GRANT PROGRAM FOR URBAN AND AGRICULTURAL PROJECTS. RESPONSES DUE 6/1/07. Project should improve the ecosystem health, water supply reliability or water quality of the California Bay-Delta through water use efficiency and conservation. \$1.5 million expected to be available, up to 30 awards anticipated. For more info, contact Mary Sims at msims@mp.usbr.gov or go to: <http://www.grants.gov/search/search.do?oppId=13458&mode=VIEW> Refer to Sol#07SF200036.

US AGENCY FOR INTERNATIONAL DEVELOPMENT

(New) USAID ANNOUNCES ITS INTENT TO REQUEST APPLICATIONS FOR US - CHINA CLEAN WATER AND CLEAN ENERGY UNIVERSITY PARTNERSHIPS. THE RFP IS SCHEDULED TO OPEN ON OR ABOUT 5/15/07. The purpose of this initiative is to provide technical assistance to China to improve access to water and sanitation services and to increase private sector investment in clean energy. USAID intends to issue one or more awards to U.S. universities in partnership with a Chinese university. For more info, contact Maria Arenas at marenas@usaid.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=13554> Refer to Sol# USAID-RDMA-07-014-PRESOLICIT-RFA.

NATIONAL SCIENCE FOUNDATION

NSF REQUESTS PROPOSALS FOR ANTARCTIC RESEARCH FOR WORK THAT EXPANDS FUNDAMENTAL KNOWLEDGE OF THE REGION AND FOSTERS RESEARCH ON GLOBAL AND REGIONAL PROBLEMS OF CURRENT SCIENTIFIC IMPORTANCE. RESPONSES DUE 6/7/07. Areas of interest include but are not limited to: 1) The identification and quantification of the feedback between ice dynamics and climate change, and 2) In recognition that the Antarctic serves both as an indicator and potential driver of climate change, NSF seeks advances in the understanding of the oceanic and tropospheric environments at high southern latitudes and their links to each other and global scale processes. \$10 million expected to be available, up to 35 awards anticipated. For more info, go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07549. Refer to Sol# 07-549.

NSF REQUESTS PROPOSALS FOR THE SMALL BUSINESS INNOVATION RESEARCH (SBIR) AND SMALL BUSINESS TECHNOLOGY TRANSFER (STTR) PROGRAMS. RESPONSES DUE 6/13/07. The SBIR/STTR Programs stimulate technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal R&D needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. Areas of interest include: Emerging Opportunities, Advanced Materials, Chemical Technology, and Manufacturing Innovation, Biotechnology, Electronics and Information Technology. \$16.25 million expected to be available, up to 150 awards anticipated. For more info, go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07551 Refer to Sol# 07-551.

(New) NSF REQUESTS PROPOSALS FOR THE ENERGY FOR SUSTAINABILITY PROGRAM. PROPOSALS DUE 9/15/07. This program supports fundamental research and education in energy production, conversion, and storage which is focused on energy sources that are environmentally friendly and renewable. This program seeks to reduce world dependence on fossil fuels, reduce greenhouse gases, and promote sustainable energy. Eligibility is unrestricted. For more info, contact Cindy Lee at cmlee@nsf.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11349> Refer to Sol# PD-07-7644.

(New) NSF REQUESTS PROPOSALS FOR THE ENVIRONMENTAL SUSTAINABILITY GRANT PROGRAM. RESPONSES 9/15/07. This program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that are compatible with sustaining natural systems, which provide ecological services vital for human survival. Eligibility is unrestricted. For more Info, contact Cindy Lee at cmlee@nsf.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11350> Refer to Sol# PD-07-7643.

NSF REQUESTS PROPOSALS FOR THE CLIMATE AND LARGE-SCALE DYNAMICS PROGRAM. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Research topics include, but are not limited to, processes that govern climate; the causes of climate variability and change; the development and use of climate models to diagnose and simulate climate, its variations, and changes. For more info, contact Jay Fein at jfein@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11699 Refer to Sol# PD-06-5740.

NSF REQUESTS PROPOSALS FOR ATMOSPHERIC CHEMISTRY RESEARCH. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Areas of interest include, but are not limited to, measurement and modeling of the concentration and distribution of gases and aerosols in the lower and middle atmosphere. Eligibility is unrestricted. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=10764> Refer to Sol# PD-98-1524.

NSF REQUESTS PROPOSALS FOR PALEOCLIMATE RESEARCH. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Projects should focus on the natural evolution of Earth's climate with the goal of providing a baseline for present variability and future trends through improved understanding of the physical, chemical, and biological processes that influence climate over the long-term. For more info, contact David Verardo at dverardo@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12727 Refer to Sol# PD-98-1530

NSF REQUESTS PROPOSALS FOR QUANTITATIVE ENVIRONMENTAL AND INTEGRATIVE BIOLOGY. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Areas of interest include but are not limited to, sustainability, environmental catalysis, and basic research related to green chemistry or the utilization of biorenewable resources. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=10773> Refer to Sol# PD-05-1401.

US STATE DEPARTMENT

(New) THE STATE DEPARTMENT REQUESTS PROPOSALS FOR THE ASIA-PACIFIC PARTNERSHIP ON CLEAN DEVELOPMENT AND CLIMATE (APP). CONCEPT PAPERS WERE REQUIRED (NTE 3 PGS) AND WERE DUE 4/27/07, FINAL PROPOSAL DUE 6/29/07. Through this program DOS seeks to support public-private partnership projects that contribute clean development

and climate goals in a timely manner. These goals include reducing greenhouse gas emissions; advancing sustainable economic growth; reducing poverty; creating new investment opportunities; building local capacity; and improving economic and energy security. Priority areas include: Renewable energy and distributed generation, buildings and appliances, cleaner fossil energy, power generation and transmission, aluminum, cement, coal mining and steel. \$26 million expected to be available, up to 100 awards anticipated. For more info, contact APP_US@state.gov or go to: <http://www.grants.gov/search/search.do?oppId=13426&mode=VIEW> Refer to Sol# S-OES-07-APS-0001.

DEPARTMENT OF TRANSPORTATION

DOT, FEDERAL HIGHWAY ADMINISTRATION REQUESTS PROPOSALS FOR TRANSPORTATION PLANNING COOPERATIVE RESEARCH. PRE-PROPOSALS WERE REQUIRED AND WERE DUE 4/30/07, FINAL PROPOSALS DUE ON OR ABOUT 6/25/07. This is for projects that could lead to transformational changes and revolutionary advances for transportation planning in the U.S. Areas of interest include, but are not limited to: Congestion Management, Public Involvement, Environmental Justice and Tribal Planning Capacity. \$650K expected to be available, individual award range \$50K to \$100K. For more info, contact David Kuehn at david.kuehn@dot.gov or go to: <http://www2.fbo.gov/spg/DOT/FHWA/OAM/Reference%2DNumber%2DFHWA%2DBAA%2DHEPP%2D02%2D2007/listing.html> Refer to Sol# HWA-BAA-HEPP-02-2007.

STATE AND OTHER ORGANIZATIONS

(New) THE CALIFORNIA ENERGY COMMISSION REQUESTS PROPOSALS FOR THE BUILDING ENERGY RESEARCH GRANT (BERG) PROGRAM. RESPONSES DUE 5/30/07. BERG seeks to advance science or technology in the areas of residential and commercial building energy efficiency. Research projects must address a CA energy problem and benefit residents. \$2 million expected to be available, individual awards NTE \$200K. For more info, contact BERG@energy.state.ca.us or go to: http://www.energy.ca.gov/contracts/pier_berg/solicitation.html Refer to Sol# 07-01B.

(New) ALCOA FOUNDATION SEEKS PRACTITIONER FELLOWSHIP APPLICATIONS FOR ITS CONSERVATION AND SUSTAINABILITY FELLOWSHIP. APPLICATIONS DUE 5/31/07. This a \$8.6 million program that funds fellowships for the study of conservation and sustainability issues. Alcoa Foundation Fellows are mid-level professionals from external nongovernmental organizations -- and, in some cases, government organizations -- who conduct six- to twelve-month intensive applied research projects in conservation and sustainability. More info at <http://fconline.foundationcenter.org/pnd/10007105/alcoa>

(New) THE CALIFORNIA ENERGY COMMISSION REQUESTS PROPOSALS FOR THE ENERGY INNOVATIONS SMALL GRANT (EISG) PROGRAM. RESPONSES DUE 5/31/07. EISG provides funding to small businesses, small non-profits, individuals and academic institutions for establishing the feasibility of new energy concepts. Projects must develop innovative and original energy concepts that address a clear market need, provide benefit for CA electricity ratepayers and target one or more areas of interest: Industrial/agriculture/water end-use efficiency; building end-use efficiency; environmentally preferred advanced generation; renewable generation; energy-related environmental research; energy systems integration. Grants for hardware projects requiring physical testing NTE \$95K, modeling projects NTE

\$50K. For more info, contact eisgp@energy.state.ca.us or go to:
<http://www.energy.ca.gov/contracts/smallgrant/index.html> Refer to Sol#07-01.

THE NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) REQUESTS PROPOSALS FOR THE NEXT GENERATION EMERGING TECHNOLOGIES FOR RESIDENTIAL BUILDINGS. RESPONSES DUE 5/31/07 AND 9/20/07. Through this initiative, NYSERDA seeks feasibility research, product development and demonstration projects for residential buildings. The technologies should promote improvement to the production, distribution and durability of the energy systems in the building. \$1.5 million expected to be available, award range depends on project category. All, or none, of the available funds could be awarded in either round. For more info, contact Greg Pedrick at gap@nyserda.org or go to:
<http://www.nyserda.org/Funding/funding.asp?i=2>. Refer to PON# 1126.

(New) THE INDIGENOUS ENVIRONMENTAL NETWORK AND THE WESTERN MINING ACTION NETWORK REQUEST PROPOSALS FOR THE INDIGENOUS COMMUNITIES MINI-GRANT PROGRAM. RESPONSES 6/1/07. This program supports capacity building efforts of mining-impacted indigenous communities to assure that mining projects do not adversely affect human, cultural, and the ecological health within their traditional territories. Individual grants NTE \$2.5 K. For more info, go to:
<http://fconline.foundationcenter.org/pnd/10004782/nativephilanthropy>

THE NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) SEEKS PROPOSALS TO SUPPORT THE DEVELOPMENT AND DEMONSTRATION OF EMERGING AND INNOVATIVE TECHNOLOGIES MOVING TOWARDS COMMERCIALIZATION. ROUND 2 PROPOSALS DUE 6/7/07. Preferred technologies are those that can increase end-use energy efficiency, reduce electric demand in New York State, or are of strategic importance to the State's energy and environmental future. Two rounds are scheduled under this PON and total available NYSERDA funding is \$4 million. All, or none, of the available funds could be awarded in either round. More info at
http://www.nyserda.org/includes/funding_content_pop.asp?i=PON%201105

SOUTHERN CALIFORNIA EDISON ANNOUNCES ITS INTENT TO REQUEST PROPOSALS FOR THE 2008 INNOVATIVE DESIGNS FOR ENERGY EFFICIENCY (INDEE) PROGRAM. INTERESTED PARTIES MUST HAVE REGISTERED BY 4/18/07. ABSTRACTS WERE REQUIRED AND WERE DUE 5/15/07, FINAL PROPOSALS DUE 8/2/07. InDEE is a solicitation for any non-utility firm or organization to implement energy efficiency programs of their own design in SCE's service territory. InDEE promotes innovation, market introduction, promotion, and other assistance to the commercialization process of promising new technologies and concepts that, at a minimum, have entered the early or limited production stage of their product life cycle. The programs may be targeted to residential or business customers, or both. \$1.5 million expected to be available, award range \$300K to \$500K. For more info, go to:
<http://www.sce.com/DoingBusiness/EEContractingOpportunities/>

(New) THE NATIONAL FISH AND WILDLIFE FOUNDATION REQUESTS APPLICATIONS FOR THE BUDWEISER RENEWABLE ENERGY AND WILDLIFE CONSERVATION RESEARCH PRIZE. RESPONSES DUE 6/29/07. This new prize will recognize and support a single innovative project that advances new technologies or practices that contribute to making renewable energy a practical energy alternative. \$100K available, 1 award anticipated. Eligibility is limited to academic institutions. More info at:
http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&CONTENTID=4841&TEMPLATE=/CM/ContentDisplay.cfm

(New) THE WATER ENVIRONMENT RESEARCH FOUNDATION (WERF) SEEKS PROPOSALS FOR ITS PROGRAM DISTRIBUTED AND DECENTRALIZED SYSTEMS: DETERMINING THE EXPECTED PERFORMANCE OF UNIT PROCESSES. PROPOSALS DUE 7/16/07. WERF has issued a proposal for research that would provide the decentralized wastewater treatment industry with a set of tools that can be applied to determine the expected performance of soil treatment unit to better protect water quality. The estimated funding amount is \$1 million total. More info at

<http://www.werf.org/Content/NavigationMenu/Funding/OpenRFPs/default.htm>

(New) THE WATER ENVIRONMENT RESEARCH FOUNDATION (WERF) SEEKS PROPOSALS FOR LONG-TERM STUDY ON LANDSCAPE IRRIGATION USING HOUSEHOLD GRAYWATER EXPERIMENTAL STUDY (PHASE 2). PROPOSALS DUE 7/31/07. The objective of this project is to better understand fate and occurrence of graywater chemical constituents and pathogens and their potential impacts on soil and groundwater quality. Estimated funding is \$373,500. More info at

<http://www.werf.org/Content/NavigationMenu/Funding/OpenRFPs/default.htm>

NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) SEEKS PROPOSALS TO SUPPORT ENVIRONMENTALLY PREFERRED POWER SYSTEMS TECHNOLOGIES, ENERGY STORAGE DEMONSTRATIONS, AND ENVIRONMENTAL IMPACT ASSESSMENTS / MITIGATION TECHNIQUES. ROUND 2 PROPOSALS DUE 10/17/07. Total available funding is \$7.25 million. More info at <http://www.nyserda.org/Funding/funding.asp?i=2> See PON 1118.

WORLD COMMUNITY GRID IS SOLICITING PROPOSALS TO ACCELERATE HUMANITARIAN RESEARCH VIA THE INTERNET. The goal is to support innovative efforts that will benefit most from this technology and deliver significant results on a variety of issues facing the global community. Areas of interest include new and existing infectious disease research, genomic and disease research, natural disasters and hunger, and environmental research. Five or six research projects conducted for public and nonprofit purposes will be awarded. More information is available at: http://www.worldcommunitygrid.org/projects_showcase/viewSubmitAProposal.do

NEWS and ACTIVITIES

STORMWATER CLEARING HOUSE: The University of Massachusetts has developed a searchable database containing validated performance data and technical information on innovative stormwater treatment technologies. The database can be accessed at an interactive website, <http://www.mastep.net> The clearinghouse is still being populated with information - any comments that you may have are welcome and should be sent to Jerry Schoen at 413-545-5532 or jschoen@tei.umass.edu

The ARSENIC VIRTUAL TRADE SHOW is a learning portal designed to help water systems comply with EPA's Arsenic Rule. Vendor Sign-up: <http://cfpub.epa.gov/safewater/arsenic/arsenictradeshow/>

ETV VERIFICATIONS

ETV has completed verification testing and reports for 385 innovative environmental technologies! For a full list of ETV verifications, visit <http://www.epa.gov/etv/verifications/verification-index.html>

ETV AIR POLLUTION CONTROL TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS

The APCT Center, operated by RTI International, invites vendors to participate in verification tests of the following technologies:

Diesel Engine Retrofit Emissions Control Technologies: Retrofit technologies that control emissions of particulate matter, nitrogen oxides, hydrocarbons, or carbon monoxide from heavy duty diesel engines. Technologies include add-on devices such as exhaust catalysts and particulate matter filters, engine modifications, selective catalytic reduction systems, fuel modifications and reformulations, alternative fuels, and lubricants used on mobile diesel engines and some categories of stationary engines. Verification of these technologies, when used to reduce nitrogen oxide emissions, is of interest to the Texas' New Technology Research and Development (NTRD) Program, as well as others. Interested vendors should contact Drew Trenholm, RTI, at (919) 316-3742 or atrenholm@rti.org For more information on the NTRD Program, please contact Rudy Smaling, Houston Advanced Research Center, at (281) 364-4036 or rsmaling@harc.edu

Fabric Filter Media: Filter media used in baghouses to control fine particulate matter. For more information, please contact Drew Trenholm, RTI, at (919) 316-3742 or atrenholm@rti.org

Ventilation Air Cleaning or Filtration Technologies: Products for cleaning or filtering ventilation air. Verifications can include ASHRAE 52.2-type efficiency testing for particles from 0.3 to 10 microns, efficiency testing for particles from 0.03 to 10 microns, and efficiency testing for bioaerosols (fungi, bacteria, and virus). For more information, please contact Debbie Franke, RTI, at (919) 541-6826 or dlf@rti.org

ETV ADVANCED MONITORING SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS

The AMS Center, operated by Battelle, is soliciting vendors and collaborators for the following technologies:

Monitoring Technologies: Technologies for monitoring contaminants in air, water, and soil. For more information, please contact Ann Louise Sumner, Battelle, at (614) 424-3973 or sumnera@battelle.org

Soil Rapid Toxicity Technologies: For more information, please contact Mary Schrock, Battelle, at (614) 424-4976 or schrock@battelle.org

Estrogen ELISA Kits: ELISA test kits for monitoring endocrine disrupting compounds, specifically estrogenic hormones and alkylphenols, in water. For more information, please contact Stephanie Buehler, Battelle, at (614) 424-3972 or buehlers@battelle.org

Lead Test Kits: Test kits for monitoring lead in drinking water. For more information, please contact Stephanie Buehler, Battelle, at (614) 424-3972 or buehlers@battelle.org

ETV DRINKING WATER SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS

The DWS Center, operated by NSF International, invites vendors and partners to participate in verification testing of emerging innovative and alternative technologies used in drinking water treatment. DWS can help vendors

needing product-specific testing for models of membrane filters (microfiltration, ultrafiltration, nanofiltration or reverse osmosis) to meet the requirements of EPA's Long Term 2 Enhanced Surface Water Treatment Rule (LT2).

Surveys of state drinking water regulators have found that ETV helps vendors with new, alternative, and innovative technologies to attain greater acceptance of their technologies.

For more information, please contact Bruce Bartley, NSF, at (734) 769-5148 or bartley@nsf.org

ETV GREENHOUSE GAS TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS

The GHG Center, operated by Southern Research Institute, is soliciting collaborators and vendors of the following technologies for independent performance verification testing:

Greenhouse Gas Emission Reductions for the Semiconductor Processing Industry: Technologies associated with semiconductor processing that reduce emissions of greenhouse gases (e.g., emission abatement equipment, alternate solvents, process improvements). For more information, please contact Jeff Barghout, Southern Research, at (919) 806-3456 or barghout@sri.org

Distributed Electrical Generation and Combined Heating/Cooling and Power Technologies: Technologies associated with distributed electrical generation (e.g., fuel cells, Stirling engines, reciprocating engines), including combined heating/cooling and power applications (e.g., waste heat recovery for space heating, water heating, chillers/refrigeration, dehumidification, etc.) utilizing various fuels (natural gas, hydrogen, biofuels, etc.). For more information, please contact Bill Chatterton, Southern Research, at (919) 806-3456 or chatterton@sri.org

On-Board Idle Reduction Technologies: On-board idle reduction technologies for in-use testing and data collection using standard testing protocols for idle reduction technology performance, including: emission reductions, fuel economy improvements, ability to perform cab heating and cooling and meet auxiliary loads, etc. Long term testing may also be included to evaluate durability, maintenance requirements, seasonal impacts, etc. Example technologies include: auxiliary power units/gensets (diesel, fuel cell, others), fuel-/battery-operated heaters, cab cooling systems, and others. For more information, please contact Tim Hansen, Southern Research, at (919) 806-3456 or hansen@sri.org

Fuel Efficient Technologies for Heavy and Light Duty Vehicles: These technologies include hybrids, engine and driveline lubricants, novel transmissions (CVTs and others), idle reduction, and other technologies that reduce fuel consumption. For more information, please contact Jeff Barghout, Southern Research, at (919) 806-3456 or barghout@sri.org

Diesel Hybrid Technologies: Hybrid powertrains and advanced transmissions for testing and data collection using standard testing protocols for in-use technology performance, including emission reductions, fuel economy improvements, vehicle performance, etc. Long term testing may also be included to evaluate durability, maintenance requirements, seasonal impacts, etc. For more information, please contact Tim Hansen, Southern Research, at (919) 806-3456 or hansen@sri.org

Sustainable and Renewable Energy Technologies: Advanced energy technologies that produce or use sustainable or renewable energy sources. Areas of interest include, but are not limited to: technologies for production and/or cleaning of biofuels from wastes, biomass, or agricultural processes; technologies that utilize biofuels from wastes, biomass, or agricultural processes to produce electric or mechanical power or provide heat for various end uses; novel, economical solar energy technologies, including photovoltaics for production of hydrogen; and small scale geothermal technologies. For more information, please contact Jeff Barghout, Southern Research, at (919) 806-3456 or barghout@sri.org

Additional information on current open ETV vendor solicitations is available at <http://www.epa.gov/etv/vendors/vendannounce.html>

UPCOMING CONFERENCES AND MEETINGS

A complete list of ETV meetings, conferences, and presentations is available on the ETV Calendar at [tp://www.epa.gov/etv/calendar/current.html](http://www.epa.gov/etv/calendar/current.html). Meetings that may be of particular interest at which ETV is exhibiting and/or participating are:

June 11-14, 2007 -- The U.S. EPA will sponsor the 26th Annual Conference on Managing Environmental Quality Systems in Cleveland, OH. This conference is a national forum for disseminating and exchanging information on managing the quality of environmental data, discussion and action on issues of national concern, training, and technical presentations. The conference is open to all interested members of the environmental community, including representatives from EPA; other Federal agencies; state, local and Tribal governments; academia; and the private sector. Lora Johnson, EPA, will give a presentation entitled, In Pursuit of an International Approach to Quality Assurance for Environmental Technology Verification. For more information, please visit <http://www.epa.gov/quality/meeting.html>.

June 17-20, 2007 -- The American Society of Agricultural and Biological Engineers (ASABE) 2007 Annual International Meeting. Minneapolis, MN. This event is designed to provide agricultural and biological engineers with specialized technical session presentations and divisional poster sessions to inform the industry on cutting-edge technologies and the latest research. The ETV ESTE project for Pesticide Drift Reduction Technology plans to participate in the meeting. For more information, visit <http://www.asabe.org/meetings/aim2007/index.htm>

June 19-22, 2007 -- Community Involvement Conference and Training, Jacksonville, FL. This EPA conference brings together public participation and community involvement professionals from EPA and its federal, state, tribal, and local partners. The theme of this conference is Community Involvement: Celebrating the Past, Looking to the Future. It will celebrate the successes of the past ten years and also explore forward-looking, innovative approaches for government to interact with communities to promote the protection and sustainability of the environment. The conference will include several plenary sessions and dozens of engaging and interactive concurrent sessions. It also will feature field trips, exhibits, a poster session, evening activities, and many networking opportunities. Several four- and eight-hour post-conference training workshops will be offered. For more information and to register, see <http://www.epa.gov/superfund/action/community/ciconference/>

June 21-22, 2007 -- Atmospheric Science Progress Review meeting. Research Triangle Park, NC. This meeting will include reporting of grantees from two RFAs: the final report from projects on Measurement, Modeling, and Analysis Methods for Airborne Carbonaceous Fine Particulate Matter (PM_{2.5}) and a progress report from projects on Source Apportionment of Particulate Matter. Contact Sherri Hunt, 202-343-9644.

June 24-28, 2007 -- The American Water Works Association (AWWA) 2007 Annual Conference and Exposition. Toronto, Ontario, Canada. ACE07 is intended to provide knowledge and insight on cutting edge research and best practices in the water industry, as well as the latest in products and services to help ensure safe water. The conference and exposition will include: in depth and interactive workshops, a professional program of more than 98 sessions with presentations from experts in the water industry, local facilities tours, more than 500 exhibitors, and multiple networking opportunities. The ETV Program will exhibit. For more information, please visit ACE07 web site at <http://secure.awma.org/ACE2007/>

June 26-29, 2007 -- The Air and Waste Management Association (AWMA) 100 th Annual Conference and Exhibition. Pittsburgh, PA. The theme of this year's conference is Energizing Environment al Solutions. Drew Trenholm of RTI International, center manager for the ETV Air Pollution Control Technology Center, will present two papers entitled, Environmental Technology Verification of Baghouse Filtration Products and Environmental Technology Verification of Retrofit Emission Controls for Heavy Duty Diesel Engines. The ETV Program will also exhibit. For more information, please visit AWMA web site at <http://www.awma.org/ACE2007/>

August 12-16, 2007 -- The 13th Diesel Engine-Efficiency and Emissions Research (DEER) Conference. Detroit, MI. The DEER Conference, sponsored by the U.S. Department of Energy, is designed as a mechanism for public exchange of state-of-the-art clean diesel research and development. DEER brings together professional in the clean diesel community, including engineers, scientists, academics, state and regional regulators, environmental researchers, and nonprofit organizations. DEER is intended to foster exchange of information and best practices through presentations/posters on new and ongoing diesel research and development, and through networking with industry professionals. The ETV Air Pollution Control Technology Center plans to present a paper. For more information, please visit <http://www.eere.energy.gov>

Spring/Summer 2007 -- The EPA ETV and SBIR Programs will host a joint outreach workshop at EPA Region VI offices in Dallas, TX. The workshop will be held at the EPA Region VI offices in Dallas, TX, and will feature sessions on technology verification and development activities conducted and supported by the ETV and SBIR Programs. The workshop will also include opportunities for representatives from the regional office and from state and local agencies/organizations to provide feedback on priority technology areas and information needs. The meeting will be held in late-Spring or early-Summer 2007 (dates are to be determined). Additional information will be available on the ETV Web Site at <http://www.epa.gov/etv/>

September 5-6, 2007 -- The 2007 Clean Water Partnership Summit. Cincinnati, OH. The Summit is designed to foster partnerships between the EPA and private The event will focus on innovation in water research and development in the areas of drinking water, homeland security, sustainability, and ecosystems. The ETV Program will exhibit and participate at the Summit. For more information, please visit <http://www.htfwo.org/etprogram/summit07/>

September 9-12, 2007 -- The American Public Works Association (APWA) International Public Works Congress and Exposition. San Antonio, TX. This meeting is designed to bring together public works industry professionals from all over the world for educational programming, workshops, an exposition, and networking events to learn about the latest innovations, exchange ideas, and develop business relationships. The ETV Program will exhibit with the EPA National Risk Management Research Laboratory. For more information, please visit <http://www.apwa.net/meetings/congress/2007/>

Visit the ETVoice Archive at <http://www.epa.gov/etv/etvoice/index.html> to catch up on information previously highlighted. The ETV Web Site, at <http://www.epa.gov/etv/> has additional information on the ETV Program covering general program topics, as well as detailed information on each of the ETV verification centers.

UPCOMING SMALL BUSINESS INNOVATION RESEARCH (SBIR) WORKSHOPS

Several of the events listed below are non-EPA sponsored events, EPA lists them for your information only and is not responsible for the content or the information distributed at the listed events. For more information about these events, go to the web address listed for each or go to: <http://www.zyn.com/sbir/cal/> or <http://www.ssti.org/Calendar/calendartext.htm>

May 30 - 31, 2007 -- MS-FAST SBIR Workshop. Hattiesburg, MS. MS-FAST will conduct a two day SBIR/STTR Workshop on the University of Southern Mississippi (USM) campus, Hattiesburg, MS, on May 30th and 31st. This workshop is FREE and lunch will be provided on day one. The workshop will be held in the new Thad Cochran Center, located on the north side and part of the R.C. Cook University Union and Hub, just east of the football stadium. Support for this event is provided by the Mississippi Technology Alliance and the Pine Belt Innovation Council. Seating is limited. RSVP to Joseph.Graben-1@nasa.gov More info at <http://www.technologyalliance.ms/MSFast/index.php>

June 5, 2007 -- Iowa SBIR/STTR Conference. Ames, IA. The conference will emphasize manufacturing opportunities in the SBIR/STTR programs. Conference sessions will include an SBIR/STTR 101 overview, manufacturing opportunities in the SBIR/STTR programs, business development, universities as resources, and success stories. Awards will be given to Iowa companies that have received SBIR or STTR funding and that have demonstrated distinctive innovation and commercialization success. Entrepreneurs, small high tech companies, small manufacturers, large manufacturers, university researchers, service providers, and others interested in learning more about SBIR/STTR funding are encouraged to attend. More info at <http://www.ucs.iastate.edu/mnet/sbir/home.html>

June 6, 2007 -- SBIR/STTR 101 Introduction and Overview. Ann Arbor, MI. This half-day workshop covers the SBIR/STTR program basics, including: program purpose, eligibility, and sources of funding. The course is targeted to a broad audience that is still exploring the SBIR/STTR program. It is designed to provide enough information for attendees to determine if they would like to seriously pursue proposal development. More info at http://www.bioconsultants.com/training_schedules.html#sbir101

June 19-21, 2007 -- Connecticut SBIR Workshop. East Hartford, CT. Present EPA's SBIR program and discuss EPA's Solicitation and solicitation topics with small

businesses from Connecticut and from throughout the USA with a focus on innovation in manufacturing. More at <http://ccat.us/sbir/conference/overview.php>

July 12, 2007 -- SBIR/STTR 101 Introduction and Overview. Ann Arbor, MI. This half-day workshop covers the SBIR/STTR program basics, including: program purpose, eligibility, and sources of funding. The course is targeted to a broad audience that is still exploring the SBIR/STTR program. It is designed to provide enough information for attendees to determine if they would like to seriously pursue proposal development. More info at http://www.bioconsultants.com/training_schedules.html#sbir101

August 1, 2007 -- SBIR/STTR 101 Introduction and Overview. Ann Arbor, MI. This half-day workshop covers the SBIR/STTR program basics, including: program purpose, eligibility, and sources of funding. The course is targeted to a broad audience that is still exploring the SBIR/STTR program. It is designed to provide enough information for attendees to determine if they would like to seriously pursue proposal development. More info at http://www.bioconsultants.com/training_schedules.html#sbir101

Aug 20-23, 2007 -- National SBIR Phase II Conference 2007. Hyatt Regency, Crystal City, VA. Beyond Phase II: Ready for Transition. At the 2007 National SBIR Phase II Conference, hundreds of Phase II companies ready to transition will meet with hundreds of end users to discuss commercialization and create partnerships. More info at <http://www.dodsbir.com/conference/beyondphase2.htm>

October 29 - November 1, 2007 -- Fall 2007 NATIONAL SBIR/STTR SBIR Conference. Richardson, TX. More info at http://www.texasone.us/site/PageServer?pagename=nat_conference

UPCOMING EVENTS

MAY/JUNE 2007 ITRC INTERNET-BASED TRAINING COURSES

The Interstate Technology & Regulatory Council (ITRC) offers a wide variety of Internet-based training courses on innovative environmental technologies and approaches specific to the areas of site characterization, monitoring and remediation.

Upcoming courses:

- Radiation Site Cleanup: CERCLA Requirements and Guidance, 6/5/07
- Protocol for Use of Five Passive Samplers, 6/7/07
- Risk Assessment and Risk Management: Determination and Application of Risk-Based Values, 6/14/07

On-line course registration opens 4-6 weeks before each session. Go to <http://clu-in.org/studio/seminar.cfm#upcoming> To register for ITRC training hosted by EPA's Clu-In. Dates subject to change. If you have additional questions after completing the on-line registration form please call 402-201-2419 or e-mail training@itrcweb.org

ITRC is a program of the Environmental Research Institute of the States (ERIS), a nonprofit corporation operating in support of the Environmental Council of the States (ECOS). Registration information for the ITRC's no cost courses is available at: <http://www.clu-in.org/studio> or <http://www.itrcweb.org> Click on Internet-based Training or Contact Mary Yelken.

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